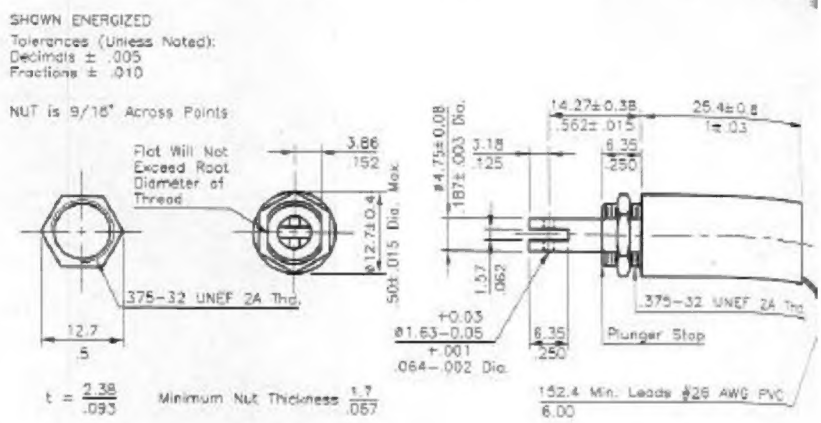
Jameco Part number 149737

P/N 149737

SMT-1325L

TUBULAR SOLENOID

OUTLINE DRAWING UNIT = mm / inch



ORDERING INFORMATION

SMT-13 25 L 06 A

- SMT-13: SUN MAGNET Tubular Solenoid
- 25: Case dia (mm)
- Frame length (mm)
- L: Pull Type
- 06: Voltage (Duty Cycle 100%)
  - 06 : DC6V 24 : DC24V
  - 12 : DC12V 48 : DC48V
- A: Specification
  - A : SUN MAGNET standard
  - B to Z : Special design

PERFORMANCE (atinitial value)

Item \ Type	SMT = 1325L
Insulation grade	Class E(120°C)
Temperature rise	100 deg.Max. (at continuous duty.)
Insulation resistance	More than 100MΩ on a DC 500V megger (at normal temperature and normal humidity)
Dielectric strength	AC500V, 50/60Hz, 1 minute (at normal temperature and normal humidity)
Operating temp. range	-20°C ~+ 40°C
Life expectancy	2,000,000 cycles
Plunger weight	4.9g/0.173oz
Total weight	23g/0.811oz

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SUN MAGNET

TUBULAR SOLENOID

COIL SPECIFICATION (at 20°C)

Coil Sensitivity	Duty Cycle (%)	Nominal Voltage (VDC)	Nominal Current (mA)	Coil Resistance (U)±10%	Power Consumption (W)	Ampere Turns (AT)	Maximum "ON" time (SEC)
SMT - 1325LO6A	100% Continuous	6	667	9	4.0	abt. 453	∞
	50% or less	8.5	941		8.0	abt. 638	50
	25% or less	12	1333		16.0	abt. 903	5
	10% or less	19	2105		40.0	abt. 1427	2
SMT - 1325L12A	100% Continuous	12	333	36	4.0	abt. 452	∞
	50% or less	17	471		8.0	abt. 640	50
	25% or less	24	667		16.0	abt. 905	5
	10% or less	37.9	1055		40.0	abt. 1432	2
SMT - 1325L24A	100% Continuous	24	167	144	4.0	abt. 454	∞
	50% or less	33.9	236		8.0	abt. 641	50
	25% or less	48	333		16.0	abt. 905	5
	10% or less	75.9	527		40.0	abt. 1431	2
SMT - 1325L48A	100% Continuous	48	83	576	4.0	abt. 452	∞
	50% or less	67.9	118		8.0	abt. 643	50
	25% or less	96	167		16.0	abt. 910	5
	10% or less	151.8	264		40.0	abt. 1440	2

CHARACTERISTICS (Typical data at 20°C)

f = Duty Cycle